

Document Log Item

Addressing	
From	To
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CC	BCC
"Karen Glatzel" <kargatgdc@suddenlink.net>	
Description Form Used: Memo	
Subject	Date/Time
Meeting Notes and Action Items 22 Oct 2007 - JCO NPDES Permit Renewal	10/29/2007 08:15 AM
# of Attachments	Total Bytes
0	8,358
NPM	Contributor
	Marcela VonVacano
Processing	
Comments	

Body

Document Body

Sara et al.,

[1] Attached is my cut at meeting notes that I will send to the canneries.

If these are useful for you great.

I would appreciate it if you let me know if I misinterpreted or misstated anything so I can correct my transmittal to the canneries.

[2] My understanding of what we owe you is as follows:

a. Recent production numbers for each cannery. I have the full record for StarKist but am still awaiting Samoa Packing data. Do you still want these data or are the numbers I provided as maximum (600 and 450 tons/day for StarKist and Samoa Packing, respectively) sufficient for now?

b. A brief synopsis of the rationale of the nutrient mixing zone development. I believe you wanted a short (one page) description the fact sheet?

c. Mixing zone request for ammonia based on chronic levels. A letter was sent to all on the list above yesterday.

d. Double check effluent metals data with respect to proposed limitations. We are waiting for data from Samoa Packing - but I do not see a problem if we move to semi-annual sampling and send the samples to Columbia, particularly if you use design flows for mass loading limitations.

e. Summarize acute toxicity and ammonia levels. We are working on this. Ammonia is correlated with LC50 at a high level. There is some scatter, probably because of DO and pH affects. We are looking at that now. Mercury and copper are generally below the acute levels and zinc is not that high above acute levels compared to ammonia. We are working on a memo - at this point we can say there is only a 20% chance that ammonia and toxicity are uncorrelated. Also the required dilution for TUa is 10:1 and for acute levels of ammonia is about 20:1. Remarkably close given the variability in the source data.

f. Request a waiver for holding times. We are working on that.

g. Our bioassay DO protocol. We will send that along later today.

h. A copy of the copper and zinc source Identification study we did. This was sent, but it appears we only did it for Samoa Packing at the time. I emailed the text - let me know if you want the lab data and photos and I will send a hard copy.

Steve